

REMARKS

The Specification has been amended to include information regarding sequence listing submission on compact disk. Attached hereto is a marked-up version of the changes made to the Specification by the current amendment. It is entitled: **"VERSION WITH MARKINGS TO SHOW CHANGES MADE"**.

Applicants have also submitted a substitute Specification indicating all newly added sequence identifiers in order to place the Specification in compliance with sequence rules 37.C.F.R §§ 1,821-1.825. In view of the enormous size of the Sequence Listing (879 sequences) this submission has been made in lieu of amendment. Yet also submitted is a substitute Specification with markings.

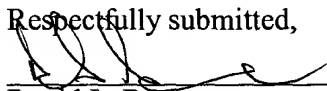
The undersigned hereby states that the compact disc copy of the substitute Sequence Listing (COPY 1) and the computer readable form copy (CRF COPY 3) of the substitute Sequence Listing, submitted in accordance with 37 C.F.R. § 1.825(a) and (b), respectively, are the same and contain no new matter. Accordingly, entry of the substitute Sequence Listing into the above-captioned case is respectfully requested.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing docket no. 511582002800. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: February 14, 2003

By:

Respectfully submitted,


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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

On page 1, line 10, the paragraph has been inserted as follows:

SUBMISSION ON COMPACT DISC

The contents of the following submission on compact discs are incorporated herein by reference in its entirety: A compact disc copy of the Sequence Listing (COPY 1) (file name: 5115820028.txt, date recorded: February 13, 2003, size: KB); a duplicate compact disc copy of the Sequence Listing (COPY 2) (file name: 5115820028.txt, date recorded: February 13, 2003, size: KB); a computer readable form copy of the Sequence Listing (CRF COPY) (file name: 5115820028.txt, date recorded: February 13, 2003, size: KB).